### Specifications

**XE3C Series**

<table>
<thead>
<tr>
<th></th>
<th>75XE3C</th>
<th>55XE3C</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Screen Size</strong></td>
<td>75&quot; Class</td>
<td>55&quot; Class (54.64&quot; measured diagonal)</td>
</tr>
<tr>
<td><strong>Panel Technology</strong></td>
<td>IPS</td>
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</tr>
<tr>
<td><strong>Aspect Ratio</strong></td>
<td>16:9</td>
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</tr>
<tr>
<td><strong>Native Resolution</strong></td>
<td>3,840 x 2,160 (UHD), M+</td>
<td>1,920 x 1,080 (FHD), M+</td>
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<tr>
<td><strong>Contrast Ratio</strong></td>
<td>1,200:1</td>
<td>1,000:1</td>
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<td><strong>Viewing Angle</strong></td>
<td>178° x 178°</td>
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<tr>
<td><strong>Response Time</strong></td>
<td>8 ms (Typ.) (G to G BW)</td>
<td>9 ms (Typ.) (G to G BW)</td>
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**Connectivity**

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<th>Input</th>
<th>HDMI, DVI-D, HDMI Type C, DisplayPort, USB 3.0, Audio</th>
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<tr>
<td>Output</td>
<td>IR External Speaker (*waterproof speakers are mandatory for outdoor installation)</td>
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<td>External Control</td>
<td>RS232C, RJ45, SD Card, USB 3.0</td>
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**Physical Specification**

| Front glass | 9.5 mm (AR, Front Safety Vandal Glass) | 7.5 mm (AR, Front Safety Vandal Glass) |
| Bezel Width | 110 mm (T), 230 mm (B), 73.3 mm (L/R) | 66.4 mm (T/B), 31.0 mm (L/R) |
| Weight/Weight | 240 kg/100.5 kg | 180 kg/70 kg |
| Monitor Dimension (W x H x D) | 1,075.6 x 1,991.6 x 218.9 mm | 745.3 x 1,345.4 x 160.0 mm |
| Packed Weight | 15 kg (TBD) | EPS Packing + Cartoon Box |
| Handle | Option (B-Bolt), Option (B-Bolt) |

**Operating Conditions**

- **Operation Temperature**: -30 °C to 50 °C
- **Humidity**: 5 % to 100%
- **Dust / Water Proofing**: Yes
- **Power Supply**: 100-240V, 50/60Hz / 100-240V, 50/60Hz

**Power Consumption**

- **Smart Energy Saving**: 350 W / 178 W
- **Typ./Max**: 700 W / 1,000 W
- **Energy Saving**: Smart Energy Saving

**Certification**

- **EMC**: FCC, CE, KCC
- **Safety**: UL / cUL / CB
- **ErP / Energy Star**: No / No

**Software Compatibility**

- **SuperSign W/Lite**: Yes
- **SuperSign C**: Yes

**Accessories**

- **Basic**: Remote controller, ESC, ESC, Regulation book, Phone to RS232C, USB to HDMI cable, HDMI cable
- **Optional**: Media player (driven by customer), Enclosure Stand (ST-750X)

**Despite features**

- **Smart Energy Saving**: 350 W / 178 W
- **Typ./Max**: 700 W / 1,000 W

**Smart Brightness Control**

- The autobrightness sensor and preset time scheduler save power whenever possible.

**Advanced Local Dimming**

- The backlighting power in areas of the screen can be controlled to increase contrast and provide a cleaner image with twice the detail.

**Wide Viewing Angle**

- The outdoor signage boasts strong visibility and clear picture quality and accurate information delivery even under extreme changes in the environment. It also offers excellent efficiency, combining economic power consumption with simple installation and management.

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**Key Features**

- **Outstanding Visibility**: The autobrightness sensor and preset time scheduler save power whenever possible.
- **Smart Brightness Control**: The autobrightness sensor and preset time scheduler save power whenever possible.
- **Wide Viewing Angle**: The outdoor signage boasts strong visibility and clear picture quality and accurate information delivery even under extreme changes in the environment. It also offers excellent efficiency, combining economic power consumption with simple installation and management.
- **No Blackening Effect**: Even under direct sunlight exposure, LG commercial monitors remain free from blackening defects under 110°C and provide superior quality for outdoor usage.

**QWP (Quarter Wave Plate)**

- PFR (Film-type Patterned Polarizer) technology is embedded with a QWP which enables clear visibility even when the viewer is wearing polarized sunglasses.
Outstanding Visibility with Advanced Reliability
Enclosure outdoor signage 75/55XE3C

Screen Size
75", 55"

Dimensions (unit : mm)
75"

55"

Outside Air
Conventional XE3C
9.5 mm
• Brightness : 3,000 cd/m²
• Operating Temperature : -30°C to 50 °C
• Bezel : 75" - Top 110 mm, Bottom 230 mm, Left / Right 73.3 mm
55" - Top / Bottom 66.4 mm, Left / Right 31.0 mm
• Depth : 75" 218.9 mm, 55" 160 mm
• Interface : HDMI / DP / DVI / RJ45 / IR / RS232C / USB3.0 / External speaker out

Other Features

Dust & Humidity Protection Designed with IP56 Rating
The conformal coating enhances circuit board reliability by protecting it from dust, iron shavings, humidity and other harsh conditions.

High Operating Temperature
The panel offers superb reliability under high operating temperatures and reduces cooling fan usage.

Enhanced Thermal Management
Environmentally sealed structure for waterproofing and protection against brake dust and fumes. Three-layer thermal management prevents heating from the LCD, Circuit / Power board and Solar loading. Totally self-contained and suitable for outdoor use without air filter.

9.5 mm Protective Glass
Designed to protect panel from impacts and vandalism for outdoor use. Features OCA* film to protect against heating in direct sunlight.

Cost Effective
Low Power Consumption Using The M+ Panel
The M+ panel offers excellent energy efficiency and cost savings and decreases power consumption by approx. 31% compared to conventional RGB panels.*

Web Monitoring
The embedded web monitoring allows a variety of parameters to be diagnosed in real time using temperature, panel, door, ambient light and gyro sensors. It can be easily controlled at all times.

Optional Stand
It is designed with various applications in mind and compatible with wall-mounted landscape/portrait orientation. Optional stand to allow panel to stand freely and facilitate easy cable management.

* Optically Clear Adhesive  ** 75X3C standard (55X3C has 7.5 mm protective glass)

Enclosure outdoor signage 75/55XE3C